

Title (en)
EXHAUST PURIFICATION SYSTEM

Title (de)
ABGASREINIGUNGSSYSTEM

Title (fr)
SYSTÈME DE PURIFICATION DE GAZ D'ÉCHAPPEMENT

Publication
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Application
EP 14851549 A 20141008

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Abstract (en)
[origin: EP3056699A1] The present invention relates to an exhaust purification system and detects an amount of PM accumulated in a DPF with high precision. The exhaust purification system includes: a DOC (21) provided on an exhaust path (12) of an engine (10); an upstream DPF (22) and a downstream DPF (23) that are provided on the exhaust path (12) at positions downstream of the DOC (21) to collect the PM contained in exhaust gas; electrodes (27) that detect a capacitance of the upstream DPF (22); a PM accumulation estimating unit (51) that estimates at least an amount of PM accumulated in the downstream DPF (23) on the basis of the capacitance received from the electrodes (27); and a forced regeneration control unit (53) that injects fuels into the DOC (21) and performs forced regeneration that burns and removes at least the PM accumulated in the downstream DPF (23) when the accumulated PM amount that is received from the PM accumulation estimating unit (51) surpasses a predetermined amount.

IPC 8 full level
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